

## Legend Flashcards Intro

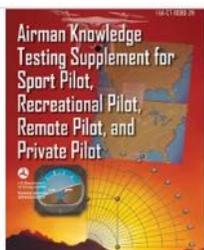
1

The supplement document that you will be provided during the certification test has a LEGEND and other informational pages that covers basic information—the Chart User's Guide is more extensive.

These flashcards are offered to simply orient you to what you will also find in the legend ... now before the test!

You will be given a copy of a supplement book that contains the charts ... you can download a PDF of the document here:

[https://www.faa.gov/sites/faa.gov/files/training\\_testing/testing/supplements/sport\\_rec\\_private\\_akts.pdf](https://www.faa.gov/sites/faa.gov/files/training_testing/testing/supplements/sport_rec_private_akts.pdf)



## Special Request

2

Please help anyone else to obtain the Flashcards (Note Cards) or the Test Question Cards by referring them to the web link listed here (or YouTube video) that introduces the flashcard and test question availability:

<https://www.windowview.org/zfaa/>

**Special Request:** please don't just send the files to someone else.

**First,** because the option to give a donation is helpful and in recognition of the effort to make these resources available.

**Second,** files may be updated since you obtained these files.

Medical certificates are designated as first-class, second-class, or third-class.

3

Generally, **first-class is designed for the airline transport pilot; second-class for the commercial pilot; and third-class for the student, recreational and private pilot.**

What is 14 CFR Part 101?

4

No person may operate a moored balloon, kite, amateur rocket, or unmanned free balloon in a prohibited or restricted area unless he has permission from the using or controlling agency, as appropriate.

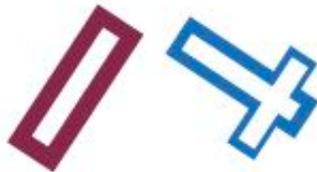
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Hard-surfaced runways 1500 ft. to 8069 ft. in length

Also ... TOWERED airports are always represented by **BLUE**



6

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Hard-surfaced runways greater than 8069 ft., or same ~ multiple runways less than 8069 ft.



7

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Open dot within hard-surfaced runway configuration  
3 indicates approximate VOR, VOR-DME, or VORTAC  
location.



8

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Restricted or Private - (Soft surfaced runway, or hard surfaced  
runway less than 1500' in length.) Use only in emergency, or by specific authorization.



9

Military - Other than hard-surfaced. All military airports are identified by abbreviations AFB, NAS, AAF, etc.  
For complete airport information, consult DOD FLIP.



10

Heliport



11

Unverified



12

Abandoned--paved, having landmark value, 3000 ft. or greater



13

Ultralight  
Flight Park  
Selected



14

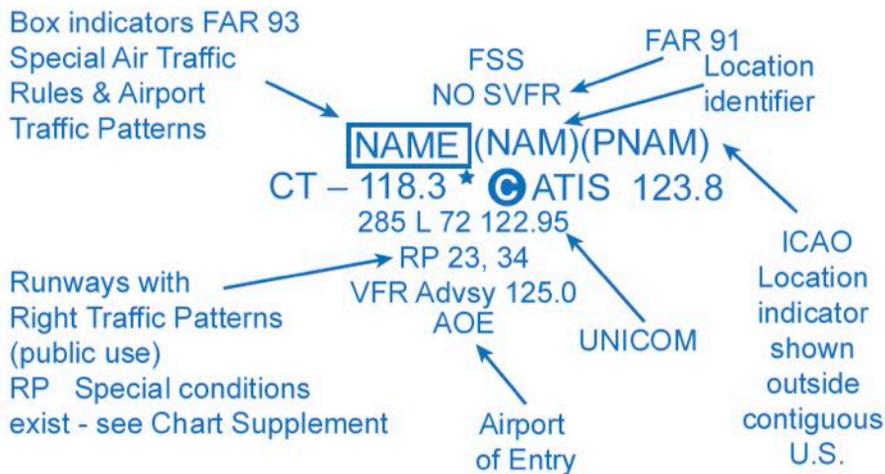
Services-fuel available and field attended during normal working hours depicted by use of ticks around basic airport symbol.



15

Rotating airport beacon in operation Sunset to Sunrise

16



Airport on Sectional Chart

FSS - Flight Service Station

17

NO SVFR - Fixed wing special VFR flight is prohibited.

CT- 118.3 - Control Tower (CT) primary frequency

\* - Star indicates operation part-time (see tower frequencies tabulation for hours of operation).

C) - Indicates Common Traffic Advisory Frequencies (CTAF)

ATIS 123.8 - Automatic Terminal Information Service

Review 1 Airport Descriptors

ASOS/AWOS 135.42 - Automated Surface Weather Observing Systems (shown where full-time ATIS is not available).

18

Some ASOS/AWOS facilities may not be located at airports.

UNICOM - Aeronautical advisory station

VFR Advsy - VFR Advisory Service shown where full-time ATIS not available and frequency is other than primary CT frequency.

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Review 2 Airport Descriptors

285 - Elevation in feet

19

L-Lighting in operation sunset to sunrise

\*L - Lighting limitations exist, refer to Airport/Facility Directory.

72 - Length of longest runway in hundreds of feet;  
usable length may be less.

When information is lacking, the respective character is replaced by a dash. Lighting codes refer to runway edge lights and may not represent the longest runway or full length lighting.

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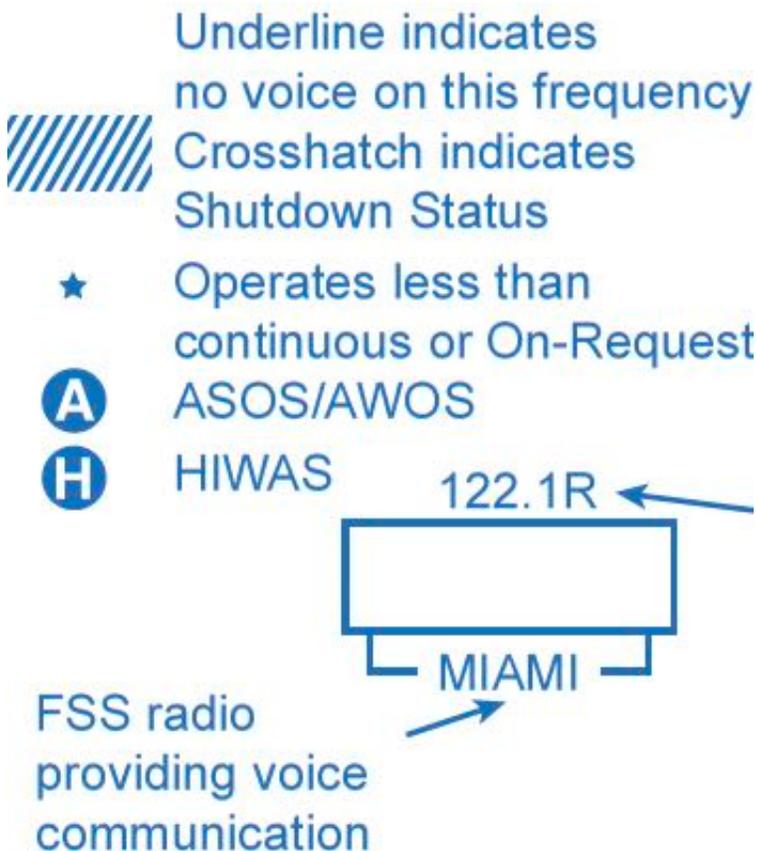
Review 3 Airport Descriptors

20



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Communications Box





Class B Airspace

80  
40

Ceiling of Class B in hundreds of feet MSL  
over the floor of Class B in hundreds of feet MSL

122.1R

R - Receive Only

Frequencies above thin line box are remoted to  
NAVAID site. Other FSS frequencies providing voice communication may be available as determined  
by altitude and terrain. Consult Chart Supplement for complete information.



Class C Airspace

(mode C See FAR 91.215/AIM.)

48  
30

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Ceiling of Class C in hundreds of feet MSL  
over the floor of Class C in hundreds of feet MSL



26

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Communications Box

Heavy line box indicates Flight Service Station (FSS).

Frequencies 121.5, 122.2, 243.0 and 255.4

(Canada - 121.5, 126.7 and 243.0) are available at many FSSs and are not shown above boxes. All other frequencies are shown.

Certain FSSs provide Airport

Advisory Service, see Chart Supplement.



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Class D Airspace



28

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Ceiling of Class D Airspace

40 in hundreds of feet (= 4000).

(A **minus** ceiling value indicates surface up to but not including that value).



29

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Class E Airspace with floor  
700 ft. above surface.



Class E (sfc) Airspace



Class E Airspace with floor 1200 ft. or greater above surface that abuts Class G Airspace.

2400 MSL  
  
4500 MSL

Differentiates floors of  
Class E Airspace greater than 700 ft. above surface.  
Class E Airspace exists at 1200' AGL unless otherwise designated as shown above.  
Class E Airspace low altitude Federal  
Airways are indicated by center line.

8000 AGL  
  
CEILING  
14,000 MSL

*Differentiates floors of airspace greater than 700 feet above the surface...  
When the ceiling is less than 18,000 feet MSL, the value, prefixed by the word "ceiling," shall be shown along the limits.*



Prohibited, Restricted, and Warning Areas;  
Canadian Advisory, Danger, and Restricted Areas.



Alert Area and MOA - Military Operations Area



Special Airport Traffic  
Area (See FAR Part 93 for details)

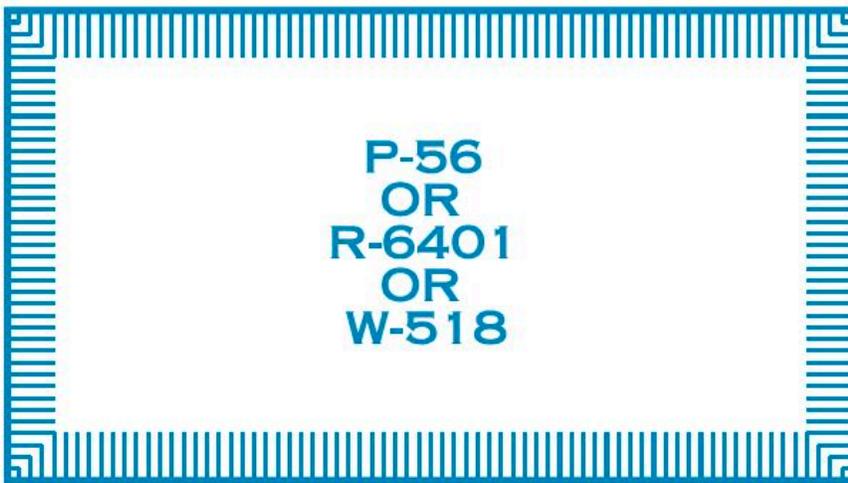


ADIZ - Air Defense Identification Zone

-  Mode C  
(See FAR 91.215/AIM).
-  National Security Area
-  Terminal Radar Service Area (TRSA)
-  MTR - Military Training Route

Review of Additional Airspace Information

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Prohibited Area

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Alert Area



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Roads & Road Markers plus Railroad



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Power Transmission Lines



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Aerial Cable

■ Landmark Feature - stadium, factory, school, golf course, etc.

🎪 Outdoor Theater

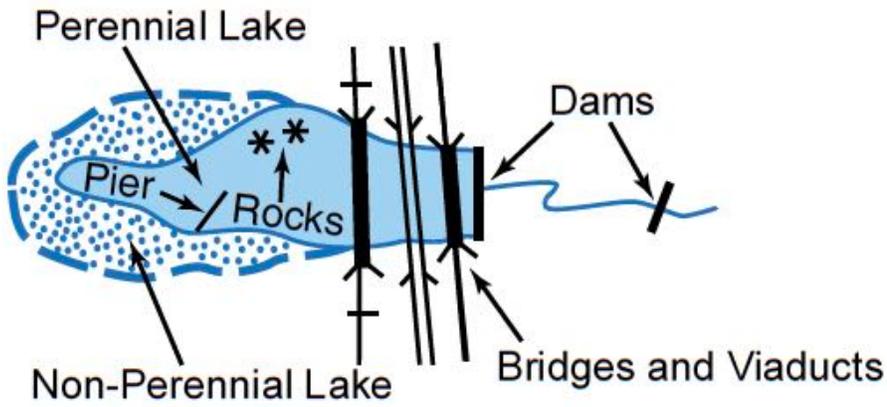
Ⓜ Lookout Tower  
618 (Elevation Base of Tower)

⚓ CG Coast Guard Station

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- Ⓞ Race Track
- Tank-water, oil or gas
- Oil Well   ● Water Well
- ⚒ Mine or Quarry
- ⌒ Mountain Pass
- ⌒ 11823 (Elevation of Pass)

Review 2 Map Features



Review 3 Map Features



- Ultralight Activity
- Hang Glider Activity
- Glider Operations



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Unmanned Aircraft Activity



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Parachute Jumping Area (See Chart Supplement.)



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Marine Light



51

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NAME (VPXYZ)

High traffic area

**VFR Check Point location**



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VFR Waypoints  
(See Chart Supplement for latitude/longitude).

53



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1000 ft and higher AGL

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Below 1000 ft AGL

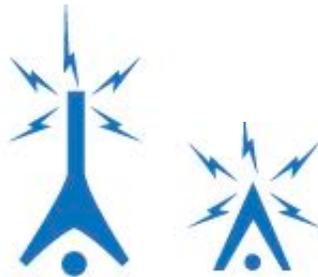
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Group Obstruction

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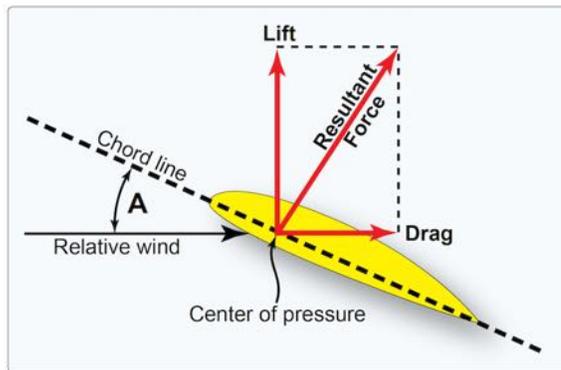
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Obstruction with high-intensity lights  
May operate part-time

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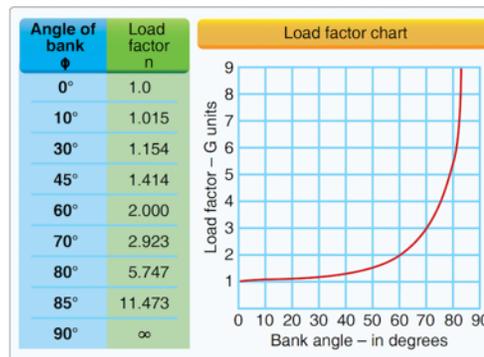
2049 ← Elevation of the top above mean sea level  
 (1149) ← Height above ground  
 UC ← Under construction or reported; position and elevation unverified.

Review of Obstruction Parameters



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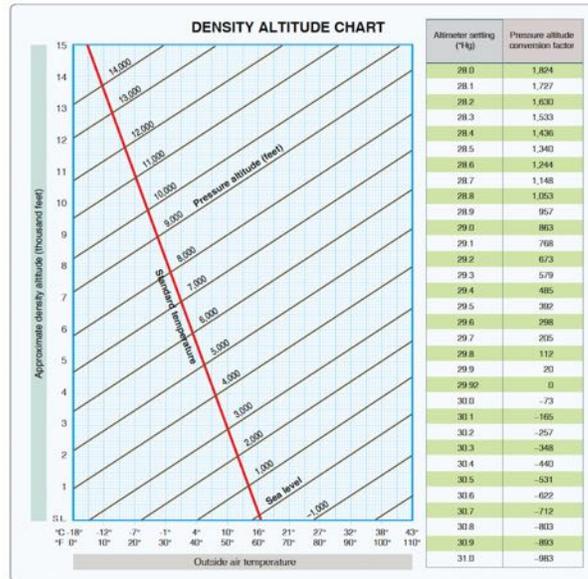
Lift Vector



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Load Factor Chart

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Density Altitude Chart

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METAR KINK 121845Z 11012G18KT 15SM SKC 25/17 A3000  
 METAR KBOI 121854Z 13004KT 30SM SCT150 17/6 A3015  
 METAR KLAX 121852Z 25004KT 6SM BR SCT007 SCT250 16/15 A2991  
 SPECI KMDW 121856Z 32005KT 1 1/2SM RA OVC007 17/16 A2980 RMK RAB35  
 SPECI KJFK 121853Z 18004KT 1/2SM FG R04/2200 OVC005 20/18 A3006

Aviation Routine Weather Reports (METAR).

UA/OV KOKC-KTUL/TM 1800/FL120/TP BE90/SK BKN018-TOP055/OVC072-  
 TOP089/CLR ABV/TA M7/WV 08021/TB LGT 055-072/IC LGT-MOD RIME 072-089

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Pilot Weather Report.

| To convert from        | To coordinated universal time |
|------------------------|-------------------------------|
| Eastern standard time  | add 5 hours                   |
| Eastern daylight time  | add 4 hours                   |
| Central standard time  | add 6 hours                   |
| Central daylight time  | add 5 hours                   |
| Mountain standard time | add 7 hours                   |
| Mountain daylight time | add 6 hours                   |
| Pacific standard time  | add 8 hours                   |
| Pacific daylight time  | add 7 hours                   |

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## Time Conversion Chart



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## Time Conversion Chart

|       |     |     |     |     |     |     |
|-------|-----|-----|-----|-----|-----|-----|
| For   | N   | 30  | 60  | E   | 120 | 150 |
| Steer | 0   | 27  | 56  | 85  | 116 | 148 |
| For   | S   | 210 | 240 | W   | 300 | 330 |
| Steer | 181 | 214 | 244 | 274 | 303 | 332 |

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## Compass Chart

66



VOR - Circle with inside tick marks  
 VHF OMNI-DIRECTIONAL RADIO (VOR) RANGE

-  VHF OMNI RANGE (VOR)
-  VORTAC
-  VOR-DME

VOR symbols that may appear inside VOR circular designation